

Title (en)  
GROUP14 COMPOSITE

Title (de)  
GRUPPE14-VERBUNDSTOFF

Title (fr)  
COMPOSITE DU GROUPE 14

Publication  
**EP 4367060 A2 20240515 (EN)**

Application  
**EP 22888629 A 20220705**

Priority

- US 202163218786 P 20210706
- US 2022036127 W 20220705

Abstract (en)  
[origin: WO2023091195A2] Particulate composite materials and devices comprising the same are provided.

IPC 8 full level  
**C01B 32/00** (2017.01); **C01B 32/336** (2017.01); **C01B 33/18** (2006.01); **H01M 4/00** (2006.01)

CPC (source: EP KR US)  
**C01B 32/336** (2017.08 - EP KR US); **C01B 32/354** (2017.08 - EP KR); **C01B 32/382** (2017.08 - US); **C01B 33/18** (2013.01 - EP KR); **H01M 4/133** (2013.01 - EP KR US); **H01M 4/134** (2013.01 - KR US); **H01M 4/362** (2013.01 - KR US); **H01M 4/366** (2013.01 - KR); **H01M 4/386** (2013.01 - EP KR); **H01M 4/583** (2013.01 - EP); **H01M 4/587** (2013.01 - EP KR); **H01M 10/0525** (2013.01 - KR); **C01P 2006/12** (2013.01 - KR); **C01P 2006/14** (2013.01 - KR); **H01M 10/052** (2013.01 - US); **H01M 2004/021** (2013.01 - US); **H01M 2004/027** (2013.01 - KR); **Y02E 60/10** (2013.01 - EP KR)

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

Designated validation state (EPC)  
KH MA MD TN

DOCDB simple family (publication)  
**WO 2023091195 A2 20230525; WO 2023091195 A3 20230914**; CN 117836239 A 20240405; EP 4367060 A2 20240515; JP 2024528577 A 20240730; KR 20240032942 A 20240312; US 2024208827 A1 20240627

DOCDB simple family (application)  
**US 2022036127 W 20220705**; CN 202280057148 A 20220705; EP 22888629 A 20220705; JP 2024500297 A 20220705; KR 20247004264 A 20220705; US 202218576636 A 20220705